

PATENT  
Attorney Docket No. 1222.0034

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of: )  
David A. Russo et al. )  
Serial No.: 08/644,212 )  
(Original Patent 5,401,305 issued )  
March 28, 1995, Original Serial )  
No. 104,125 filed December 13, 1993 )  
Filed: October 17, 1995 )  
For: COATING COMPOSITION FOR GLASS )  
Owner of Record: Elf Atochem North )  
America, Inc. )

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

REISSUE DECLARATION UNDER 37 C.F.R. § 1.175

We, David A. Russo, Ryan R. Dirkx, and Glenn P. Florczak,  
the named inventors of the above-identified patent, declare and  
state as follows: ✓

1. We are the named inventors of U.S. Patent No. 5,401,305  
issued March 28, 1995, ("the '305 patent") which relates to a  
gaseous composition.

2. During the Summer of 1995, we were initially informed  
that the claims in the '305 patent did not claim the entire scope  
of our invention. In other words, we have been informed and  
agree that the '305 patent is partially inoperative because the  
claims in the '305 patent claim less than what is disclosed in  
the specification thereof.

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3. In particular, the claims of the '305 patent relate to a gaseous composition adapted to deposit at least a first layer of tin oxide and silicon oxide onto glass at a rate of deposition greater than about 350 Å/seconds. However, the specification of the '305 patent, as well as the specification of the application leading to the '305 patent, disclose a broader gaseous composition. As reflected in the claims attached as Exhibit 1 to this declaration, we believe we are entitled to a broader invention which relates to a gaseous mixture comprising at least one metal oxide precursor and an accelerant, a film comprising at least one metal oxide and an accelerant, and a layer comprising a mixture of at least one metal oxide and an accelerant deposited on a substrate. The subject matter of these claims was not truly pursued in the prosecution of the application leading to the '305 patent and we believe this was based on a misunderstanding or error of the patent counsel for the assignee.

4. This misunderstanding or error, to the best of our knowledge, arose without any deceptive intention on our part, and unfortunately, was not recognized by us until pointed out by patent counsel, namely, Stanley A. Marcus.

5. We acknowledge our duty to disclose to the U.S. Patent and Trademark Office all information known to us which may be material to the patentability of the '305 patent and the new claims attached as Exhibit 1 to this Declaration.

6. We have reviewed and understand the contents of the original and reissue specifications, including the claims, as

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amended by any amendment, including the amendment attached to this Declaration.

7. We believe we are the inventors to the original '305 patent, as well as the claims set forth in the amendment attached to this Declaration for which a reissue patent is sought.

8. The newly presented claims differ from those of the original patent in that the claims of the '305 patent only relate to a gaseous composition comprising a precursor of tin oxide, a precursor of silicon oxide of formula  $R_mO_nSi_p$  and an accelerant selected from the group consisting of organic phosphites, organic borates, and water, and mixtures thereof, and a source of oxygen. The original patent claims do not specifically mention a mixture comprising at least one metal oxide and an accelerant, a coated layer comprising the mixture containing the at least one metal oxide and an accelerant, nor do they relate to a gaseous composition comprising at least one precursor of a metal oxide with an accelerant, as was specifically disclosed in the specification of the '305 patent, for instance, at column 4, lines 18-39, column 5, lines 20-45, column 5, lines 58-66, as well as the examples.

9. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may

jeopardize the validity of the application or any patent issued thereon.

Date: 1/5/96

David A. Russo  
David A. Russo

Date: 1/5/96

Ryan R. Dirkx  
Ryan R. Dirkx

Date: 1/5/96

Glen P. Florczak  
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